

Claims

- [1] 1. A colloidal silver maker, comprising:
a plurality of silver plates; and
a silver ion casing having an outlet hole to discharge colloidal silver, containing silver ions dissociated from the silver plates, to an outside of the silver ion casing, the outlet hole being provided so that a first distance between an upper edge to a lower edge of the outlet hole is different from a second distance between both side edges of the outlet hole.
- [2] 2. The colloidal silver maker according to claim 1, wherein the outlet hole has a shape of an ellipse, with a major axis of the ellipse being aligned in a vertical direction.
- [3] 3. The colloidal silver maker according to claim 1, further comprising:
a lid to cover an upper portion of the silver ion casing, with an inlet hole being provided on a predetermined portion of the lid to feed water into the silver ion casing, wherein the plurality of silver plates are placed in the silver ion casing while being supported by the lid.
- [4] 4. The colloidal silver maker according to claim 1, wherein the outlet hole is provided on a surface of the silver ion casing to extend from a lower end toward an upper end of the silver ion casing.
- [5] 5. A colloidal silver maker, comprising:
a plurality of silver plates; and
a silver ion casing having an outlet hole to discharge colloidal silver, containing silver ions dissociated from the silver plates, to an outside of the silver ion casing, the outlet hole being provided on a surface of the silver ion casing to extend from a lower end toward an upper end of the silver ion casing, the outlet hole having a predetermined height so that the outlet hole is not blocked by a water film.
- [6] 6. The colloidal silver maker according to claim 5, wherein a height of the water contained in the silver ion casing and the height of the outlet hole are in a ratio of about 3:2.
- [7] 7. The colloidal silver maker according to claim 5, further comprising:
a lid to cover an upper portion of the silver ion casing, with an inlet hole being provided on a predetermined portion of the lid to feed water into the silver ion casing, wherein the plurality of silver plates are placed in the silver ion casing

while being supported by the lid.

- [8] 8. A washing machine, comprising a water tub and a colloidal silver maker, the colloidal silver maker comprising:
a plurality of silver plates; and
a silver ion casing having an outlet hole to discharge colloidal silver, containing silver ions dissociated from the silver plates, to the water tub, the outlet hole being provided so that a first distance between an upper edge to a lower edge of the outlet hole is longer than a second distance between both side edges of the outlet hole.
- [9] 9. The washing machine according to claim 8, wherein the colloidal silver maker further comprises:
a lid to cover an upper portion of the silver ion casing, with an inlet hole being provided on a predetermined portion of the lid to feed wash water into the silver ion casing, wherein the plurality of silver plates are placed in the silver ion casing while being supported by the lid.
- [10] 10. The washing machine according to claim 8, wherein the outlet hole has a shape of an ellipse.
- [11] 11. The washing machine according to claim 8, wherein the outlet hole is provided on a surface of the silver ion casing to extend from a lower end toward an upper end of the silver ion casing, and the outlet hole has a predetermined height so that the outlet hole is not blocked by a water film.
- [12] 12. The washing machine according to claim 11, wherein a height of the water contained in the silver ion casing and the height of the outlet hole are in a ratio of about 3:2.